

VARIABLE GAIN AMPLIFIERS

MODEL NUMBER	Vss	Idd	Iee	Gain Range	Pre Amp Gain Range	-3dB BW	Input Spectral Noise	Input Resis tance	Slew Rate	Accu racy	I3P dB	1 dB Comp @ 10Mhz	Grade Temp Range	# pins	LOWEST GRADE PRICE	Comments	FAX BACK CODE	
	Volts	mA	mA	dB	dB	Mhz	nV/Hz	ohms	V/usec	%					100's			
VIDEO SINGLE, DC Control																		
AD603	±5V	17	20	-11>+31		90		100	275	±1				8	\$5.43	Pin Prgm Gain Ranges	1195	
VIDEO DUALS, DC Control																		
AD600	±5V	12.5	14	0>+40	NA	35	1.4	100	275	1.5	ns	ns	J	16	\$23.40		1193	
AD600										0.5	ns	ns	A	16	\$15.00		1193	
AD602	±5V	12.5	14	-10>+30	NA	35	1.4	100	275	1.5	ns	ns	J	16	\$23.40		1193	
AD602										0.5	ns	ns	A	16	\$15.00		1193	
AD604	±5V	72	30	+34.4dB	+14,20dB	40	0.8	300K	170	0.5	-12.5dB @ 10Mhz	+15dB @ 1Mhz	A	24	\$14.85	w/P'down, Pin Prgm Preamp Gain Ranges 14/17.5/20dB	1959	
AD605	+5V	23		-14>+34, +048dB	NA	40	1.8	175	170	0.5	-1.0dB @ 10Mhz	+15dB @ 10Mhz	A	16	\$11.13		1941	
								Output										
AUDIO, DC Control																		
MODEL NUMBER	Vss	Idd	VCA Gain Range	Gain Gain Range	THD	-3dB GBW	Noise	Control Input	Input Resis tance	CH Separation			Grade Temp Range	# pins	LOWEST GRADE PRICE			
	Volts	mA	dB	dB		20KHz bw Khz	dBu		Kohms	dB			0 70C	-40 85	100's			
SINGLE																		
SSM2018T	±5>18V	15	117		0.04%	700	-93	-30mV/	4000	NA			X	16	3.75		1784	
SSM2118T	(Same as SSM2018T except G output=current)																	1784
DUAL																		
SSM2120 (2 OnChip Level Detectors)																		
SSM2120	±5>18V	8	100	=-100>40	0.02%	250	-80	6mV/dB	34	-100			X	20	\$4.15		1788	
SSM2122	±5>18V	8	100	=-100>40	0.02%	250	-80	6mV/dB	34	-100			X	16	\$4.00		1788	
QUAD																		
SSM2024	±15	2	20>-100	ns	ns	ns	ns	Vin/Rex	ns	ns			X	16	\$2.85		1785	
SSM2164	±4>18V	8	20>-100	22dBu	0.10%	100	-94	-33mV/	5	-110				16	\$3.10		1849	
SINGLE, Digital Control																		
MODEL NUMBER	# BITS	Vdd	Idd	Gain Range	Noise Figure	-3dB BW	.5dB BW	Max Gain Step	Gain Scaling	Input Spectral Noise @ 10Mhz	Output Spectral Noise @ 10Mhz	Input Resis tance	1 dB Comp	Grade Temp Range	# pins	LOWEST GRADE PRICE		
		Volts	mA	dB	dB	Mhz	Mhz	dB	V/V/Bit	nV/Hz	nV/Hz	ohms	dBm	-40+85				
AD8320	8	+5>12V	80	+24>-12	17	160	65	2	0.077	3.5	44	250	22	A	28			
LCD Drivers																		
MODEL NUMBER	# CH	Vdd	Idd	Eos	Ib	Gain	-3dB BW	Slew Rate	Settling Time to	Settling Time to	Load Regulation Vin=.5>4.5V							
		Volts	mA	mV	nA	V/Volt	Mhz	V/usec	±50mV Cl=.24uF	±50mV Cl=.1uF								
AD8509	9	5	10	20	50	0.985		5			±10mV				48		Drive 1000pf Load	

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AD8511	11	5	12	20	50	0.985		5			$\pm 10\text{mV}$				48		Drive 1000pf Load	
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